

101

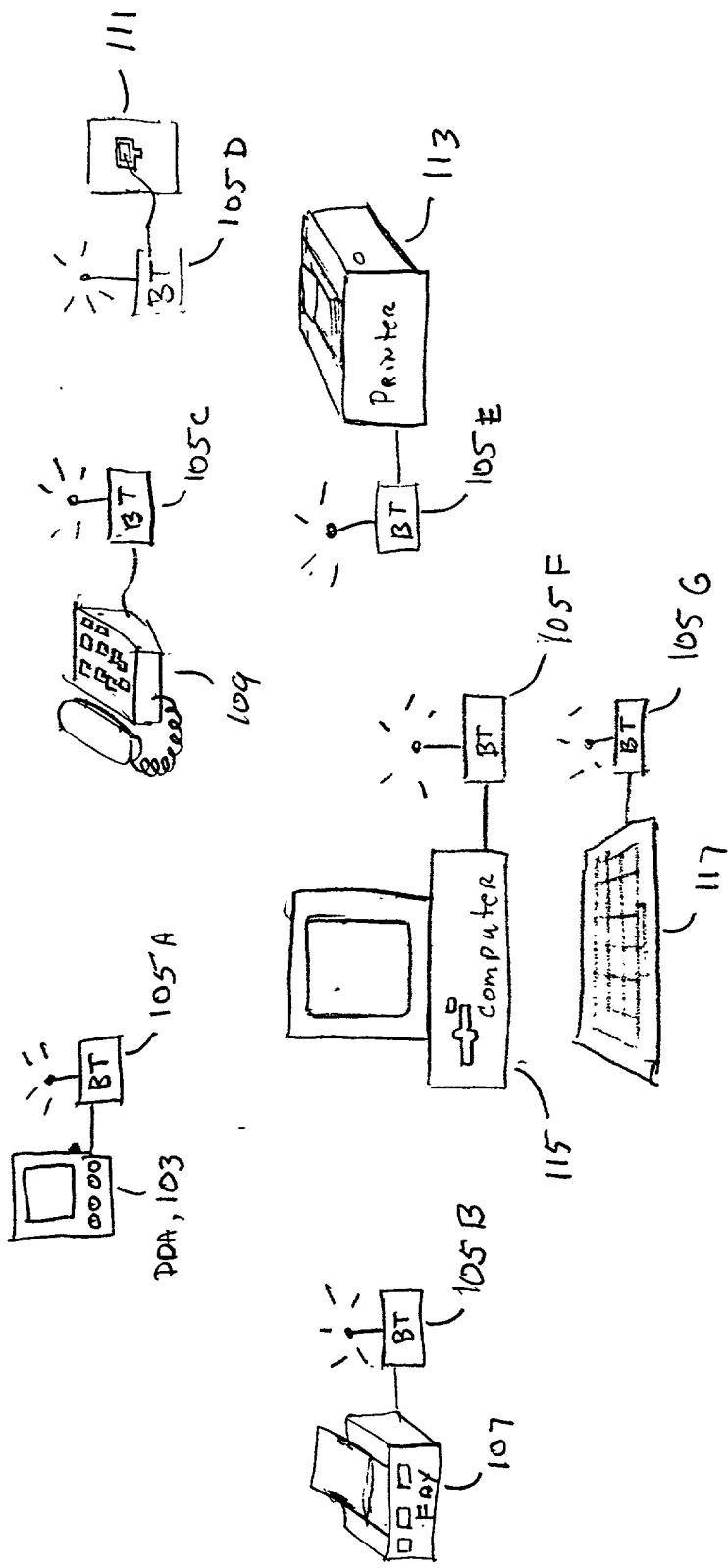
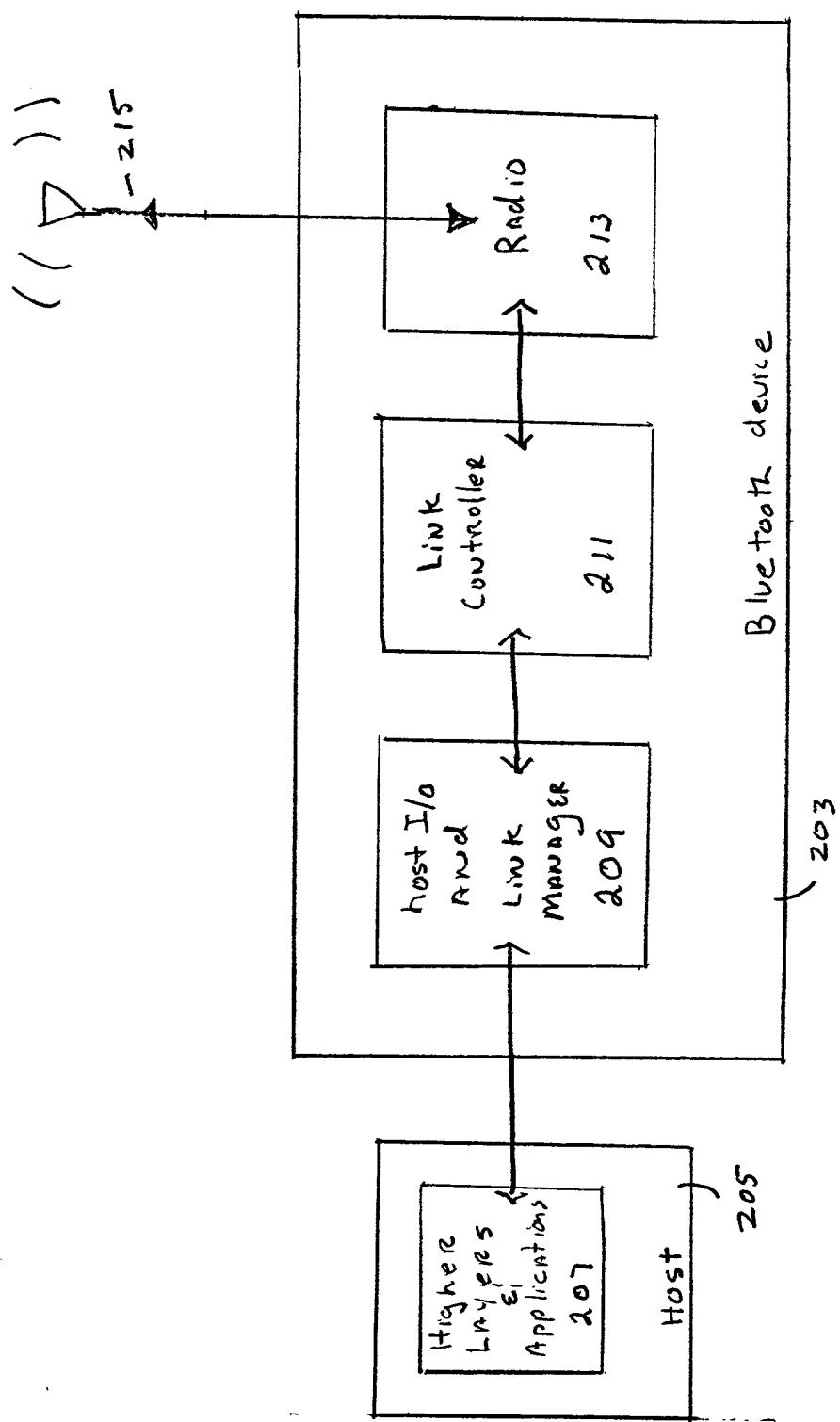


Figure #1

Figure ZA



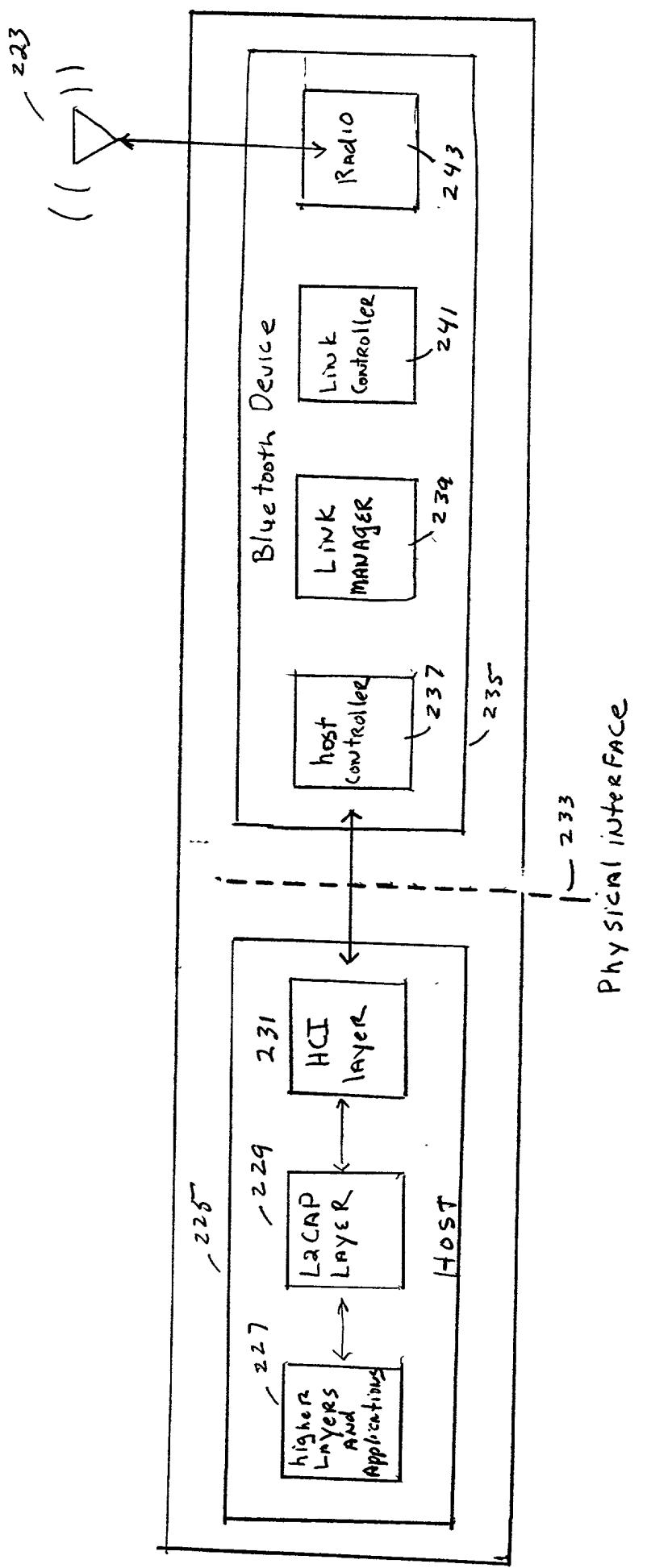


Figure 2B

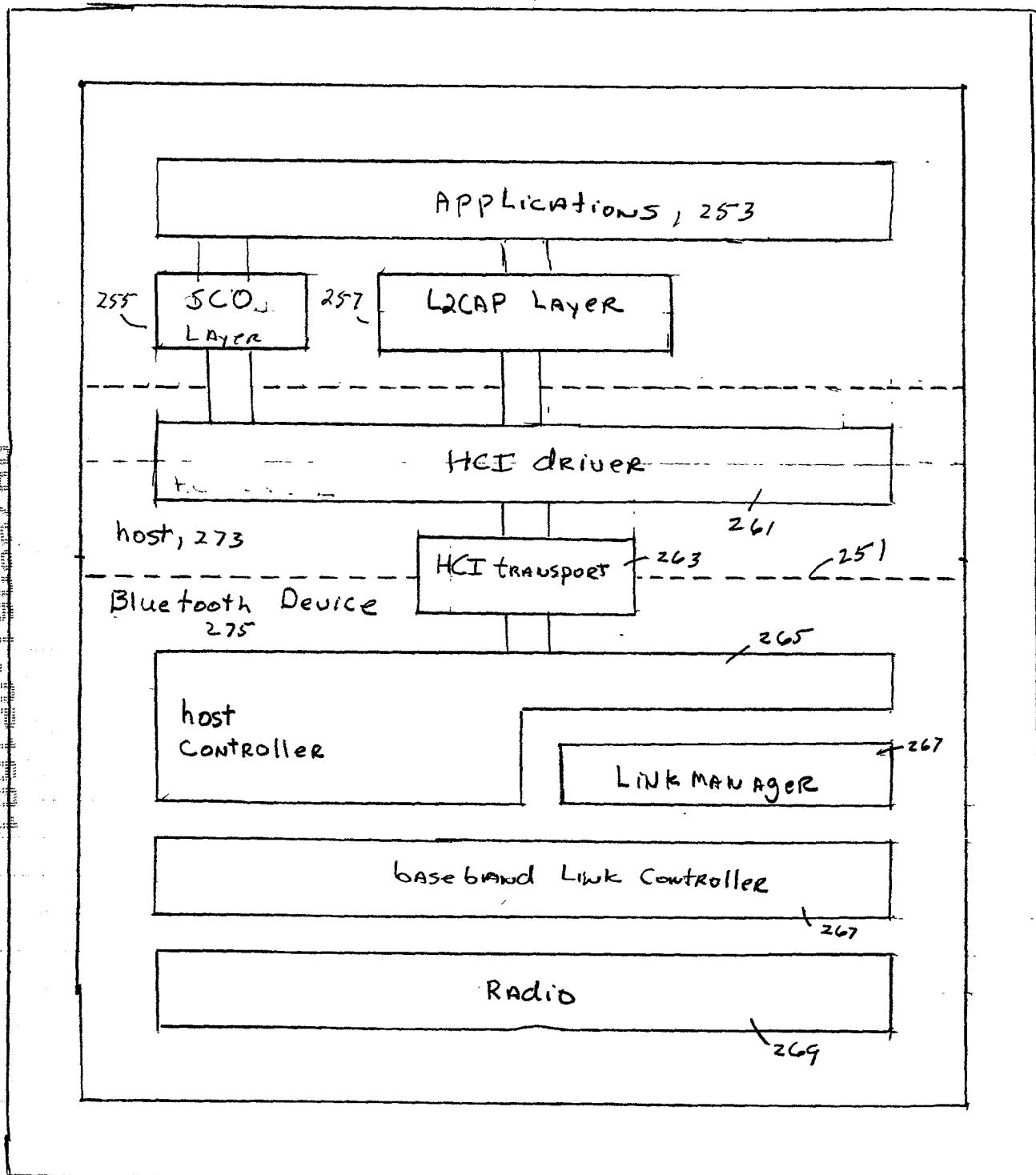


FIGURE 2C

/ 301

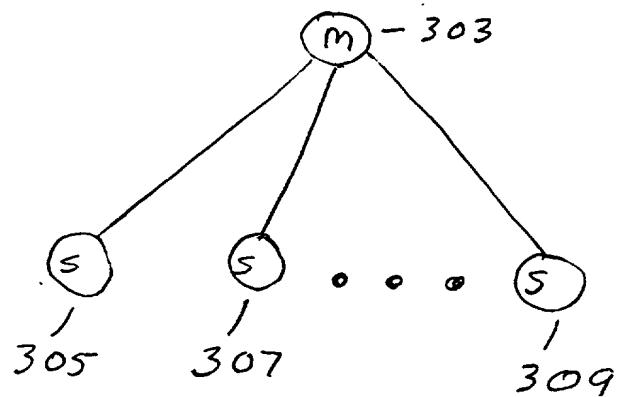


Figure #3

/ 401

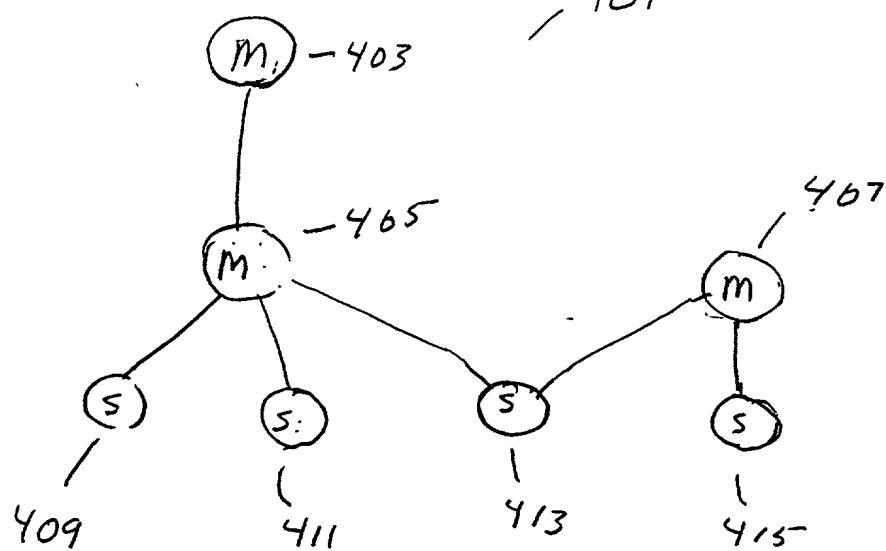


Figure #4

ACL Packets

Time Series Plot of Received Packets

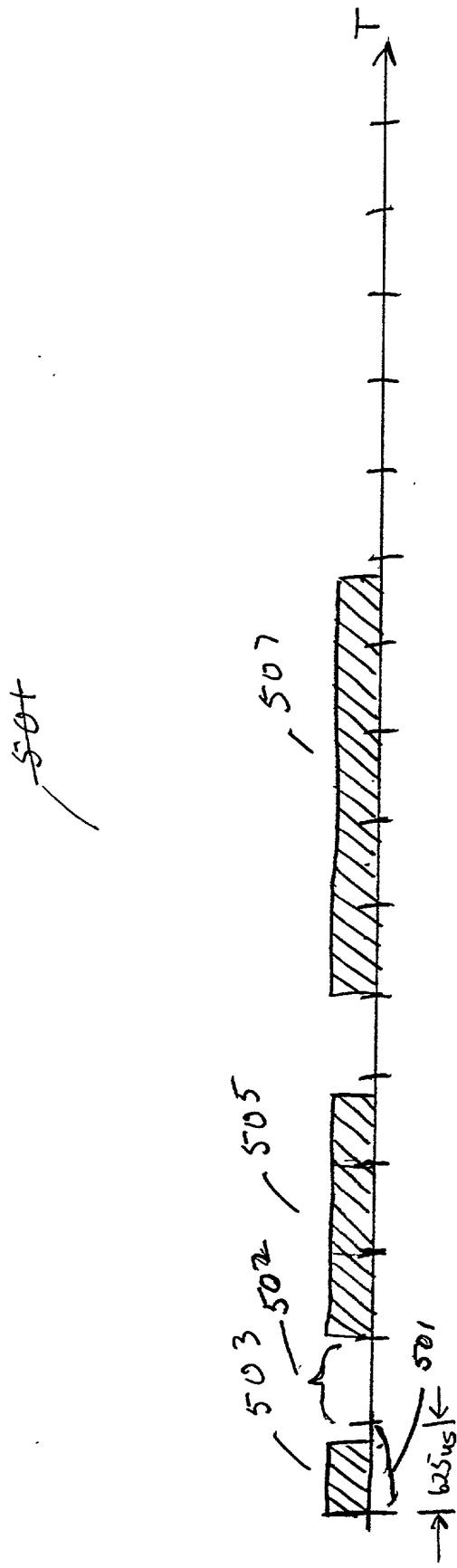
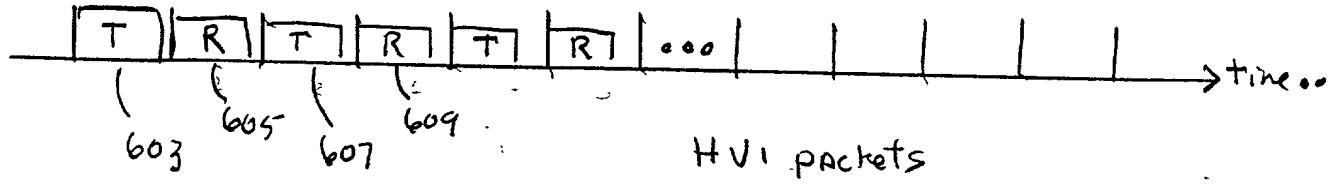


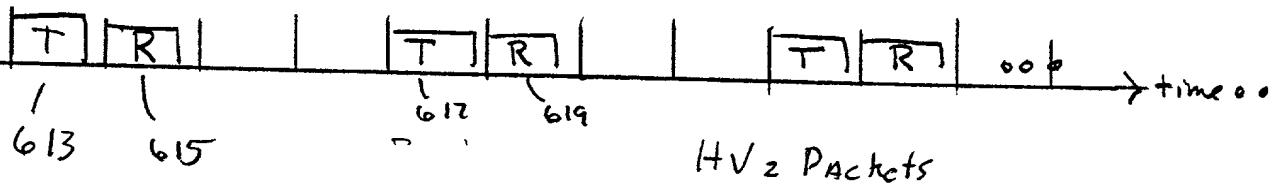
Figure 5

601



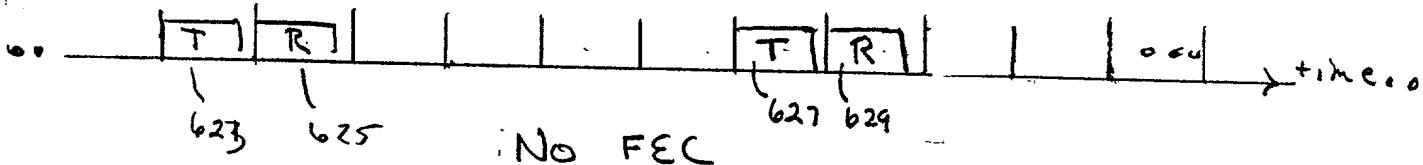
HV1 packets

611



HV2 packets

621



No FEC

HV3 packets

Fig 6

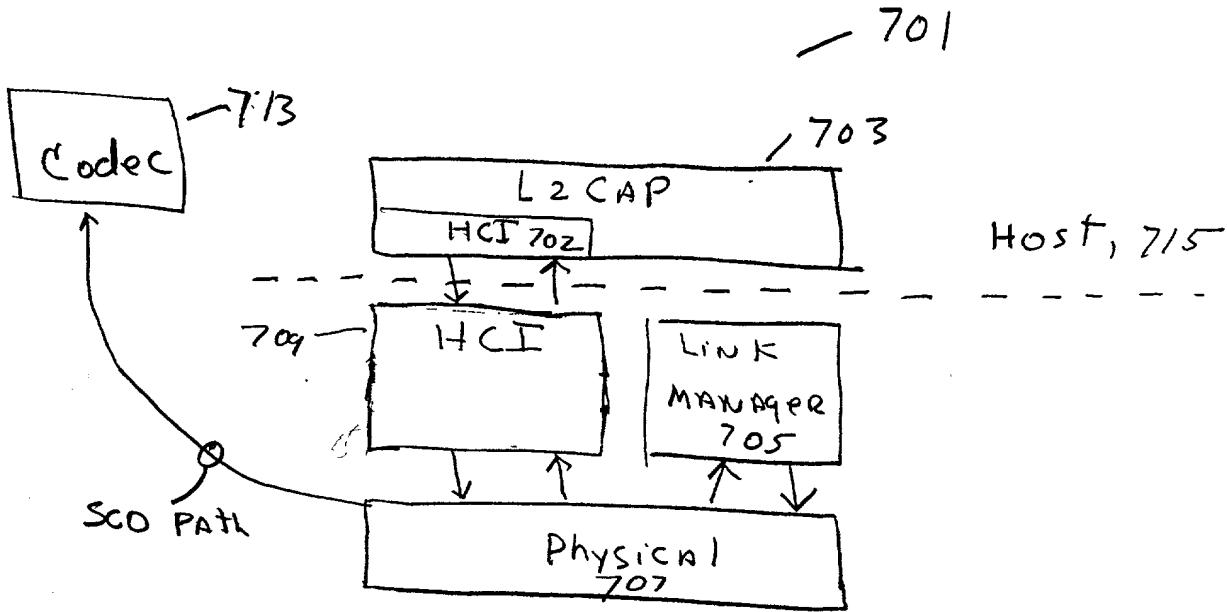


Figure #7

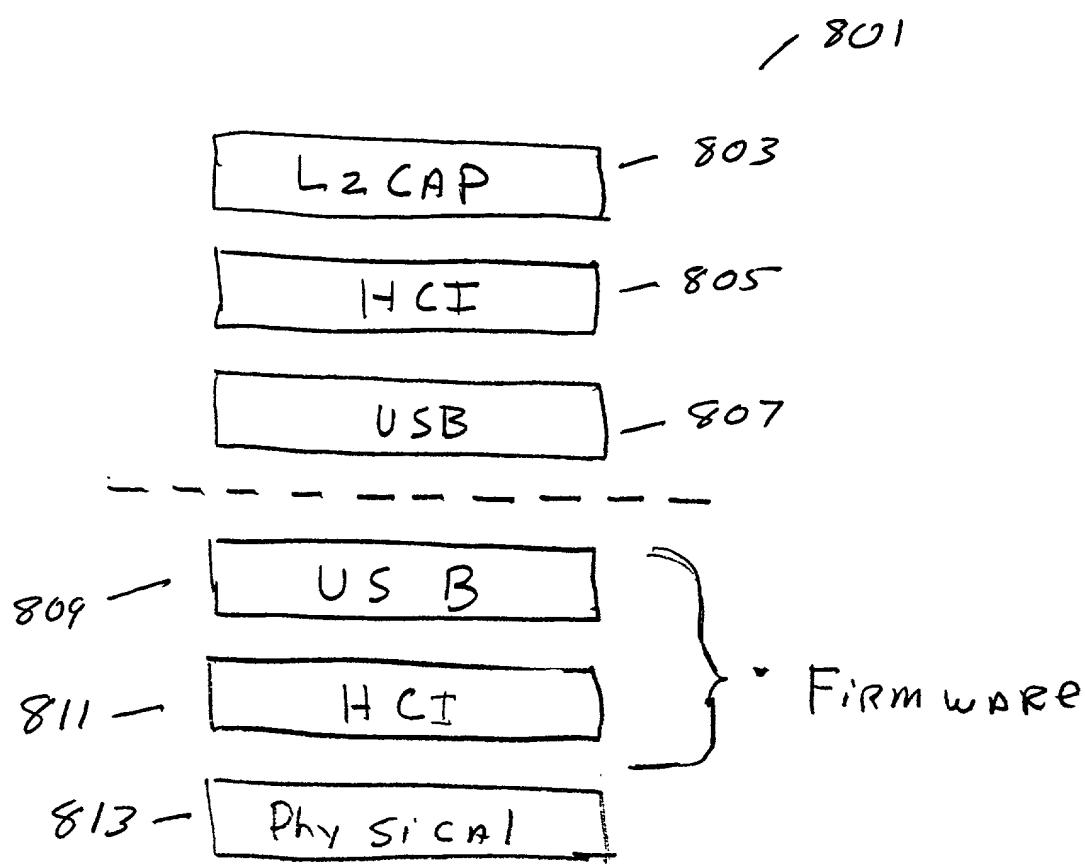


Figure 8

/901

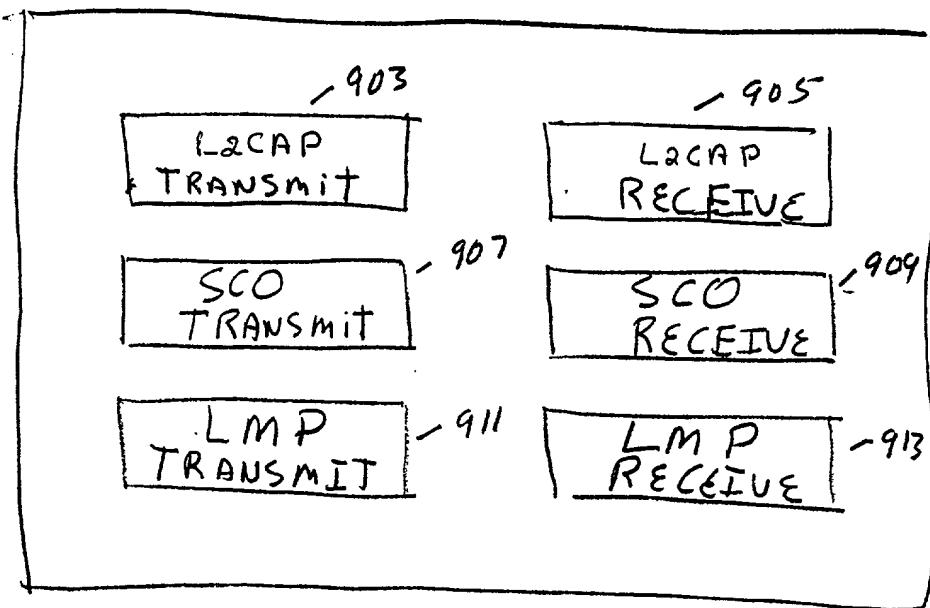


FIGURE #9

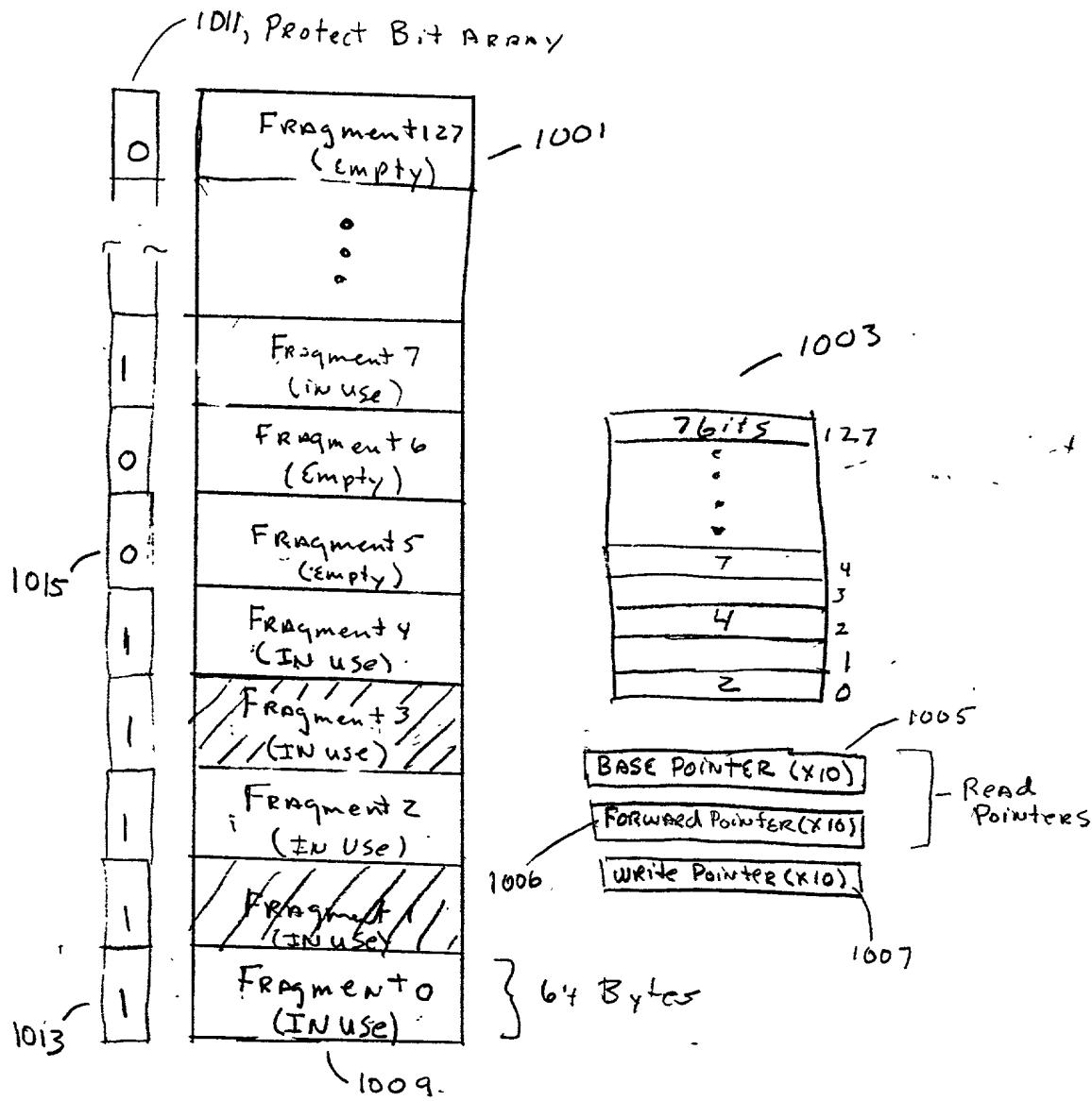


Figure # 10

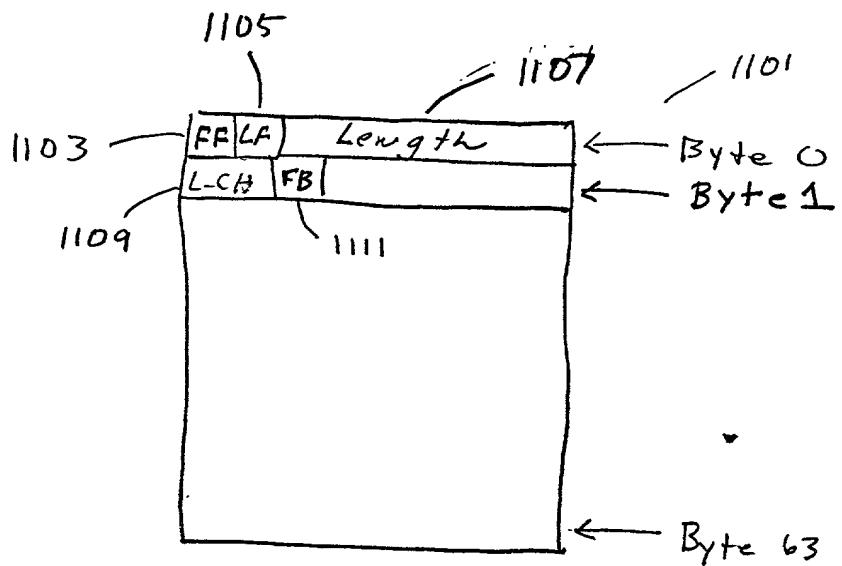


Figure # 11

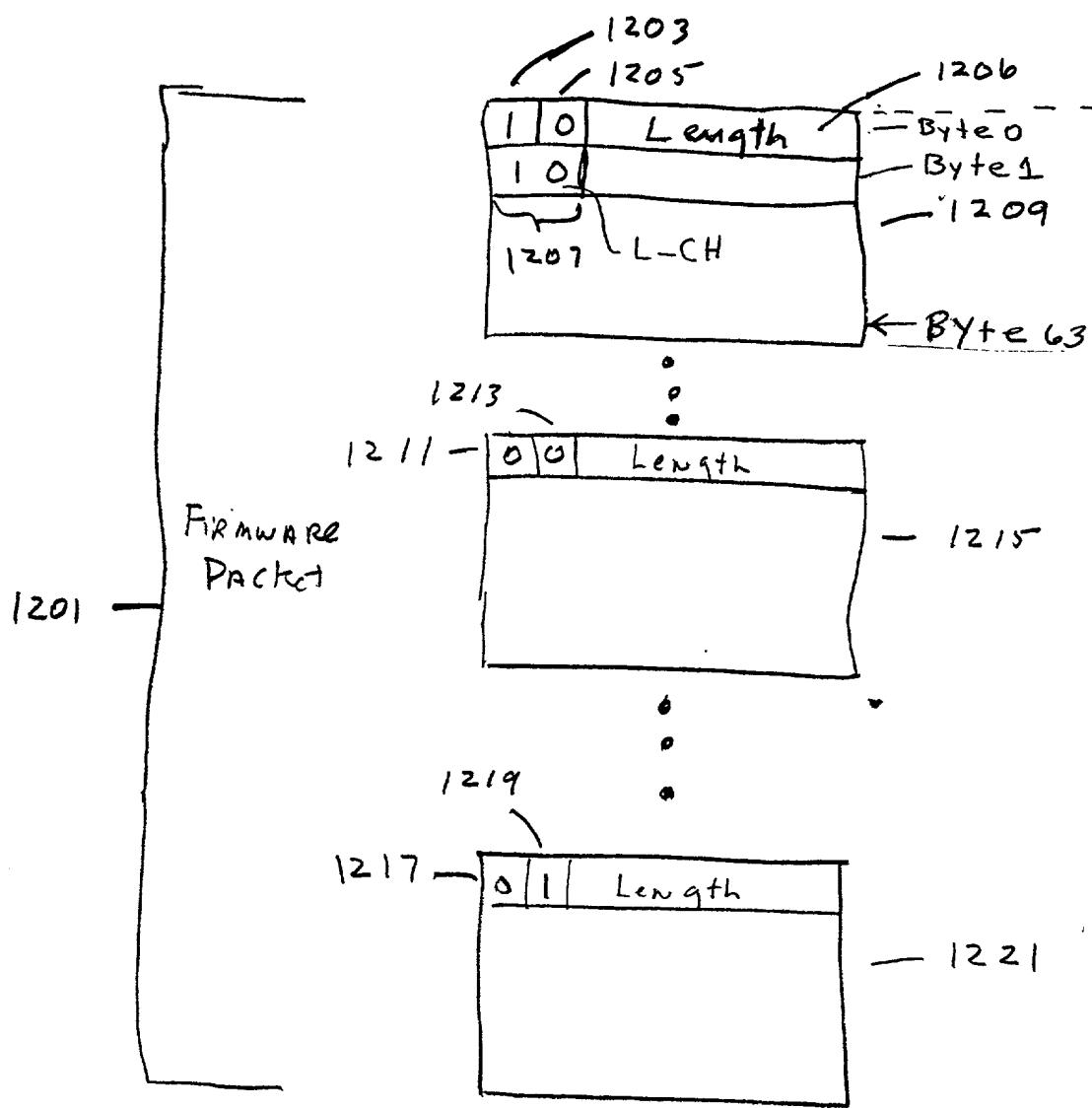


Figure 12

Figure 13

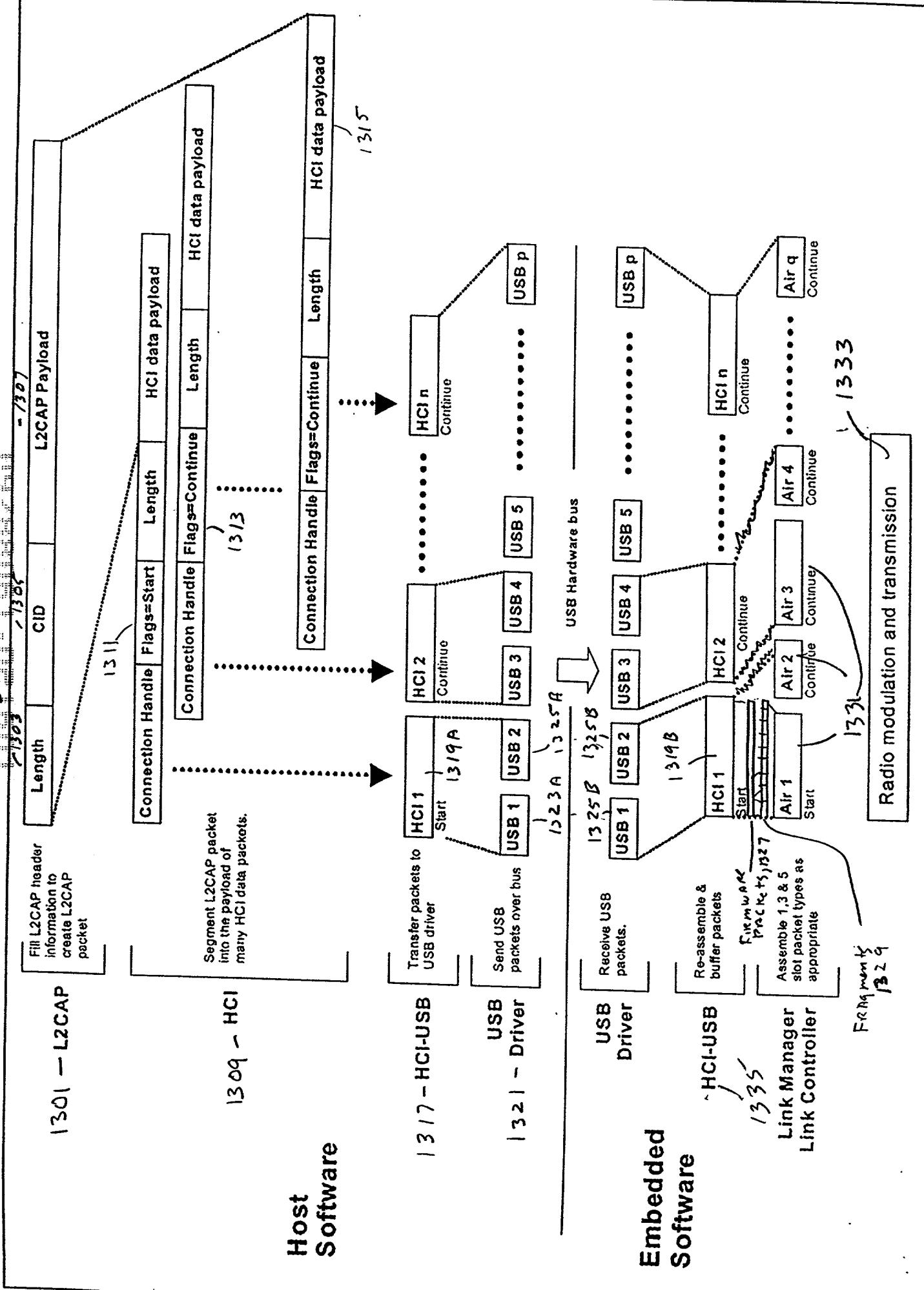
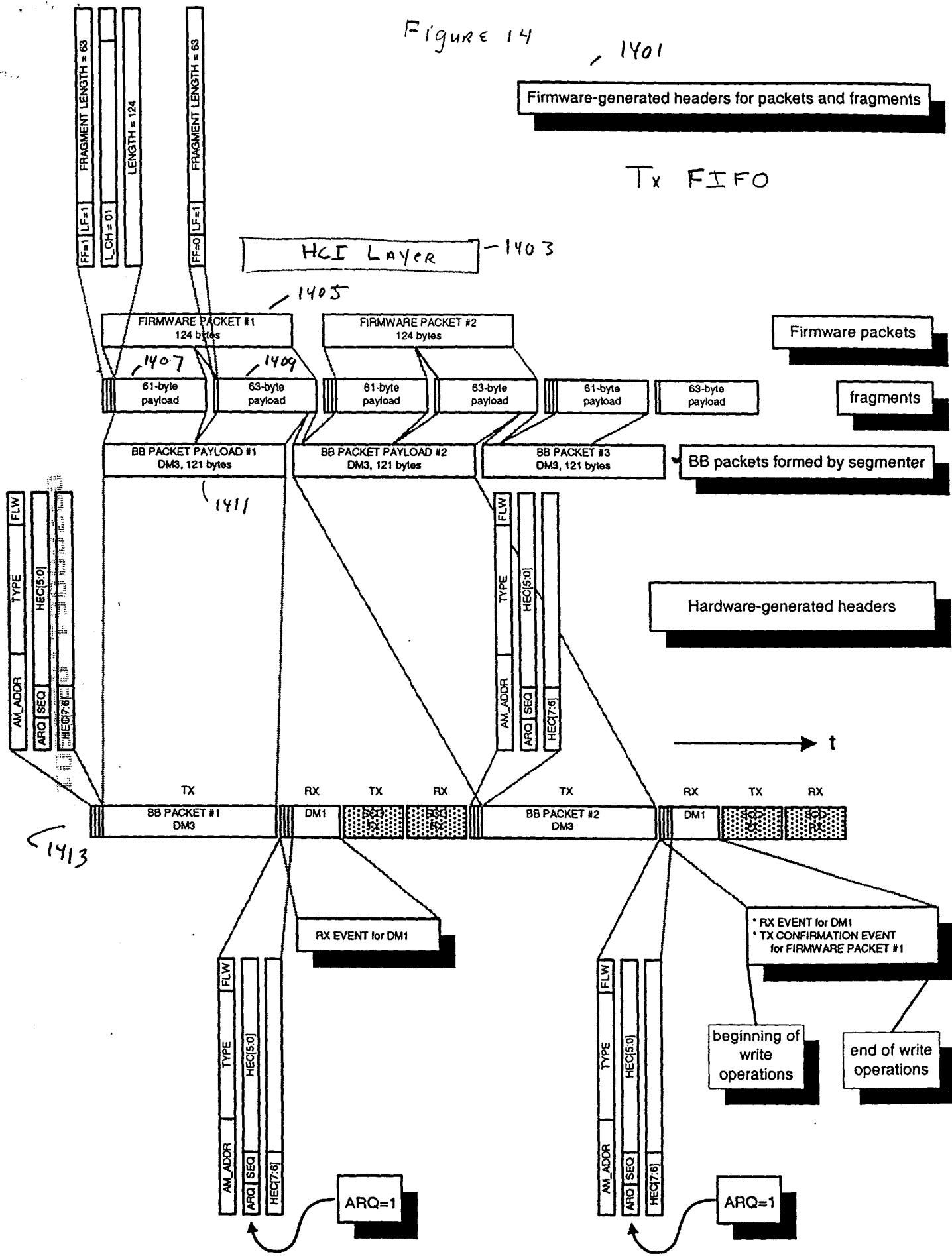


Figure 14
1401

Firmware-generated headers for packets and fragments



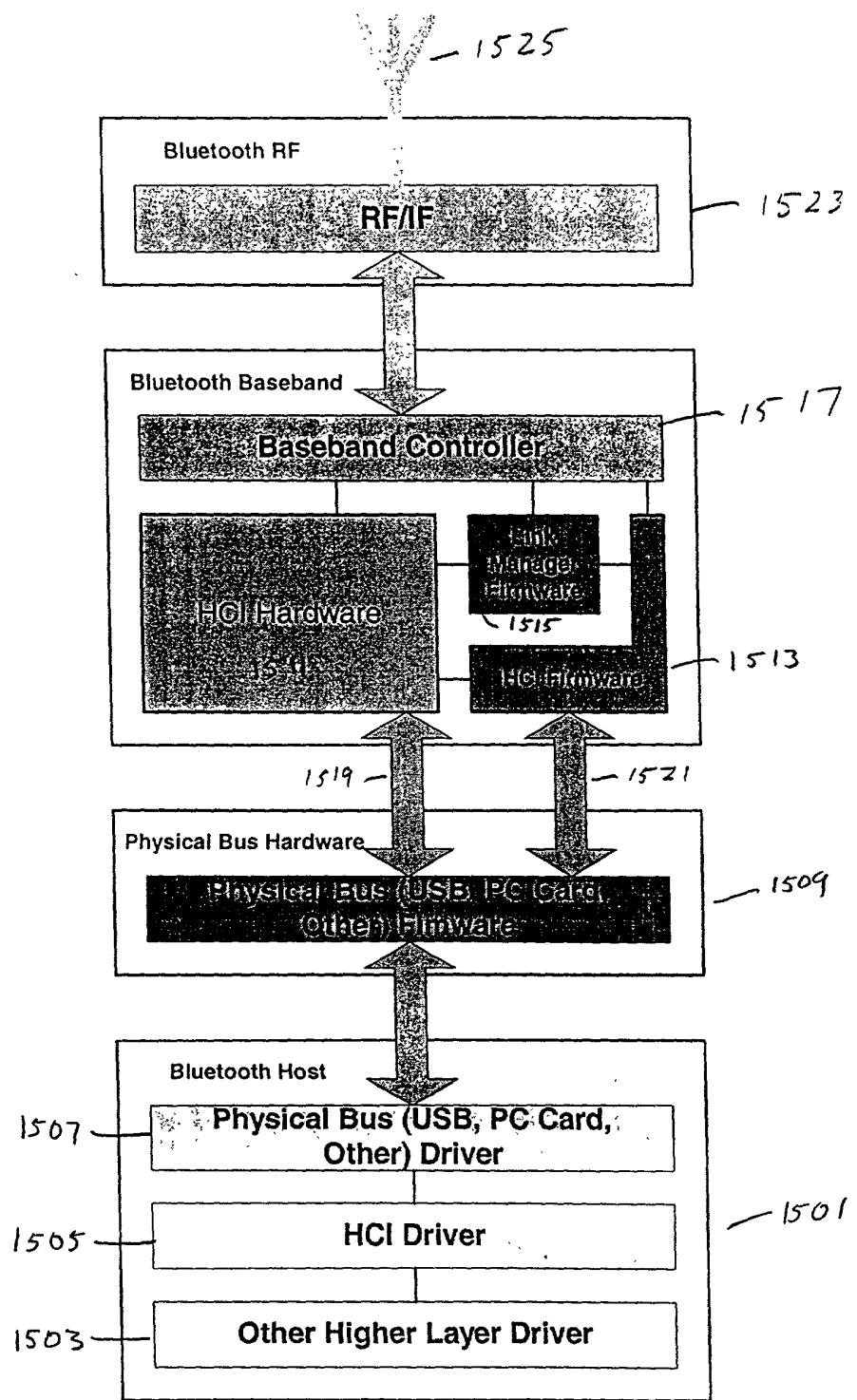


Figure 15

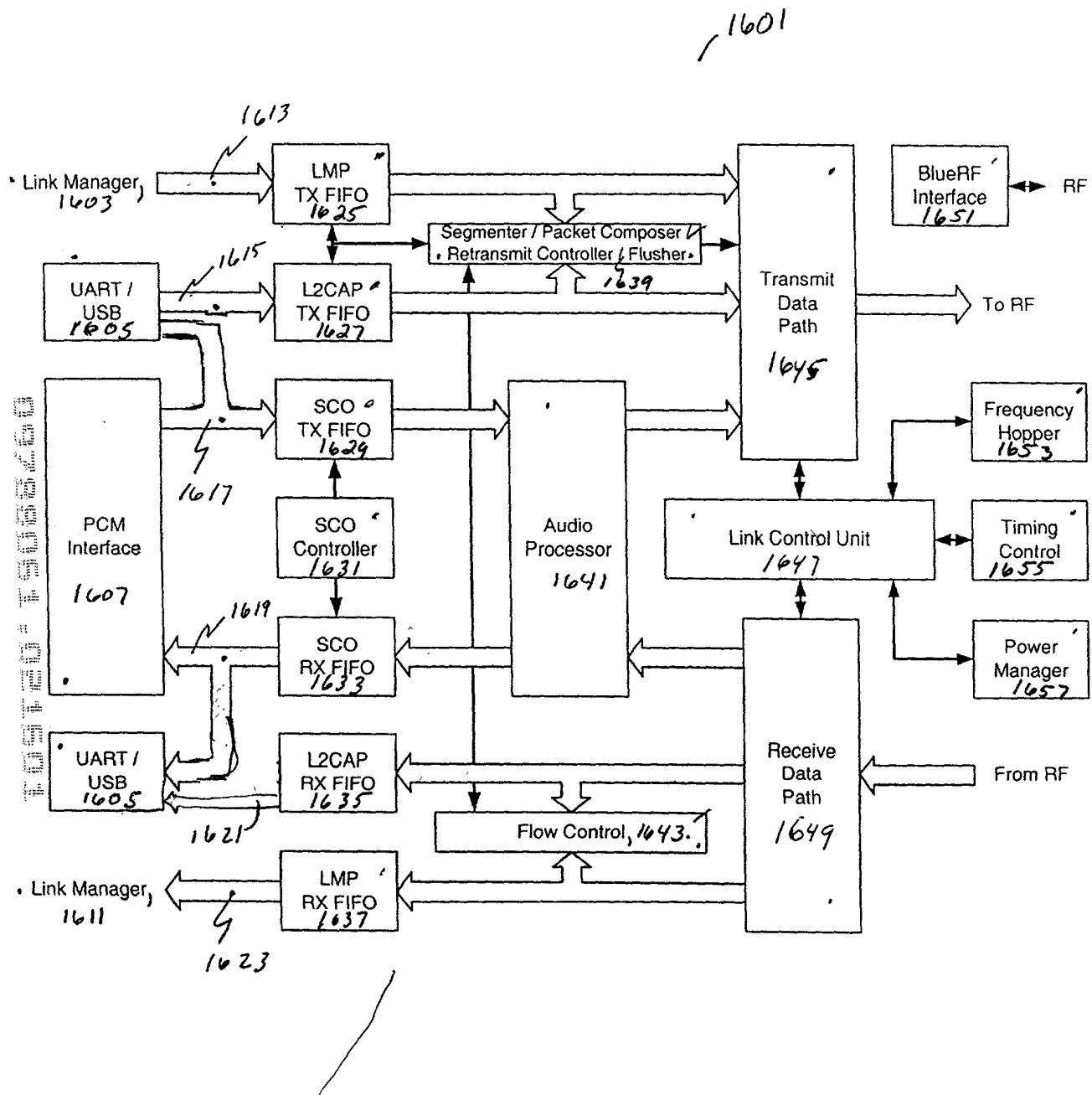
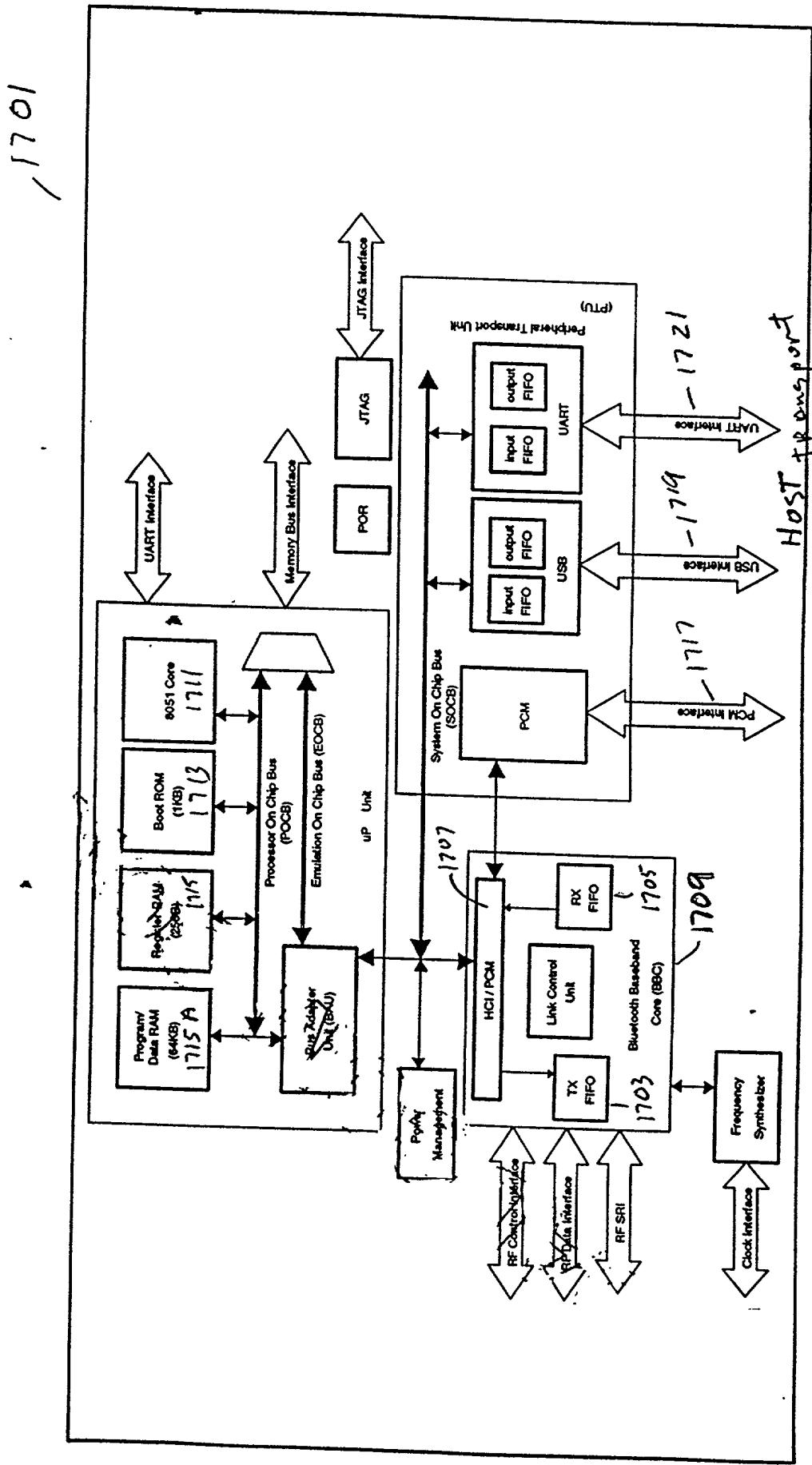


FIGURE 16

Figure 17



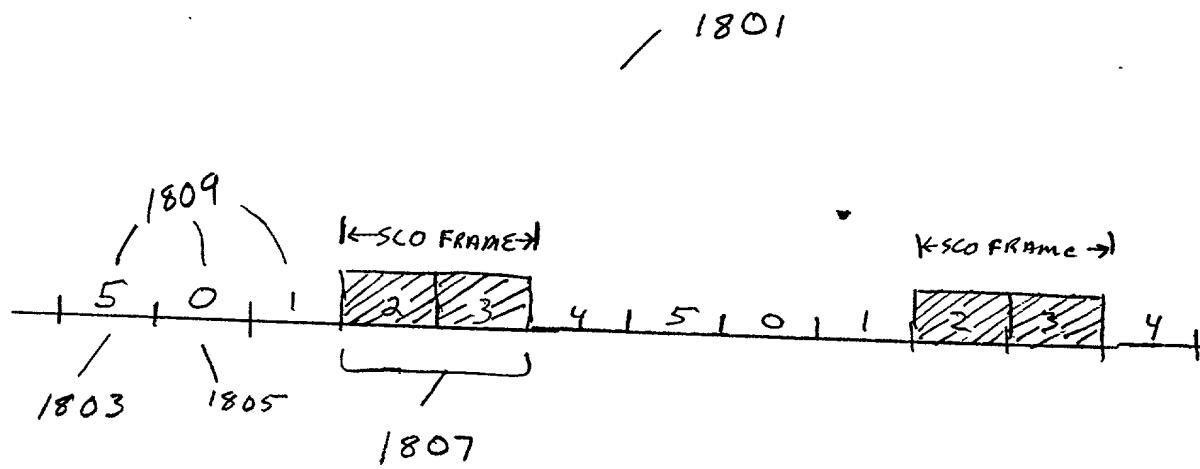


Figure 18

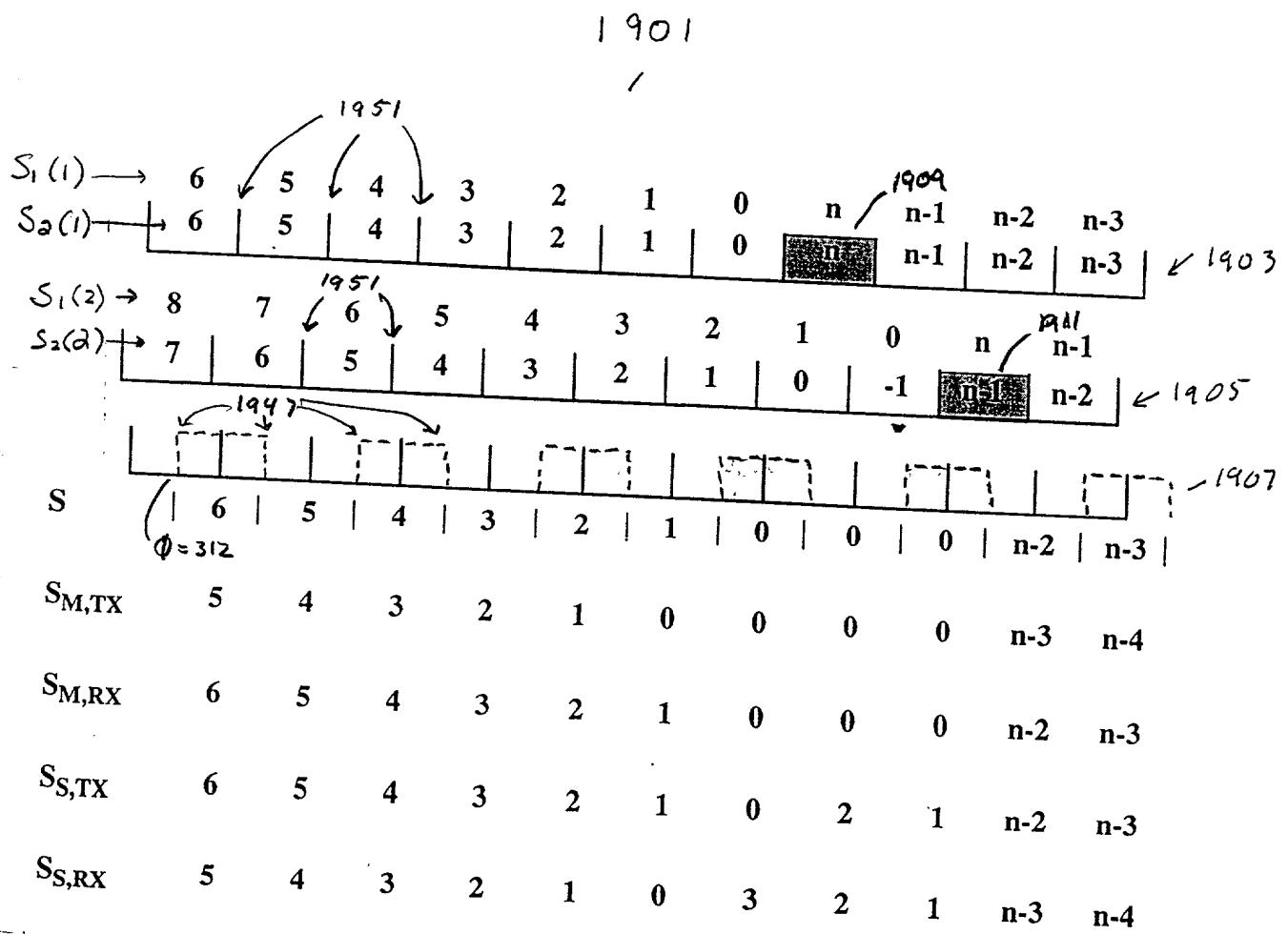


Figure 19A

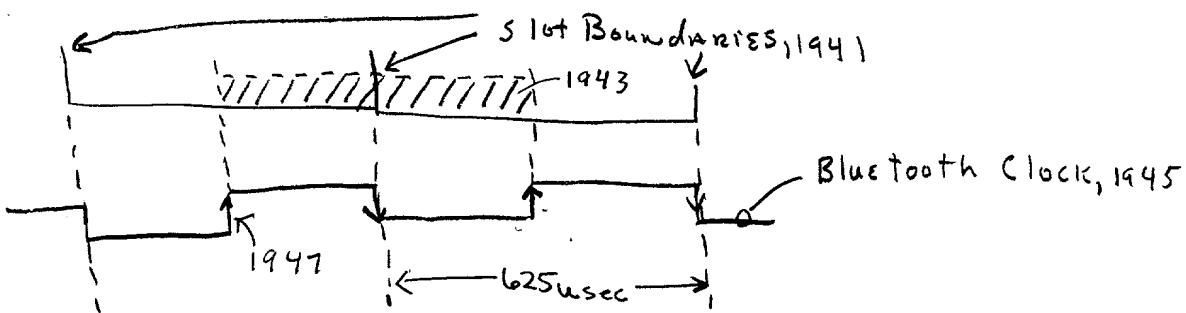


Figure 19B

Table 1. Packet Type Priority

2001 -

Range Label	Min Bytes in Buffer	Max Bytes in Buffer	1 st Choice	2 nd Choice	3 rd Choice	4 th Choice	5 th Choice	6 th Choice
a	0	0	NULL	NULL	NULL	NULL	NULL	NULL
b	1	12	DH1	DH1	DH3	DH3	DH5	DH5
c	13	27	DH1	DH3	DH3	DH5	DH5	DH7
d	28	121	DH3	DH3	DH5	DH5	DH7	DH7
e	122	183	DH3	DH5	DH5	DH3	DH1	DH1
f	184	224	DH5	DH5	DH3	DH3	DH1	DH1
g	225	339	DH5	DH5	DH8	DH3	DH1	DH1
h	340	349	DH5	DH5	DH3	DH3	DH1	DH1

Figure 20

Figure 1. Example of a Fragment Chooser for 16 fragments, $N = 4$

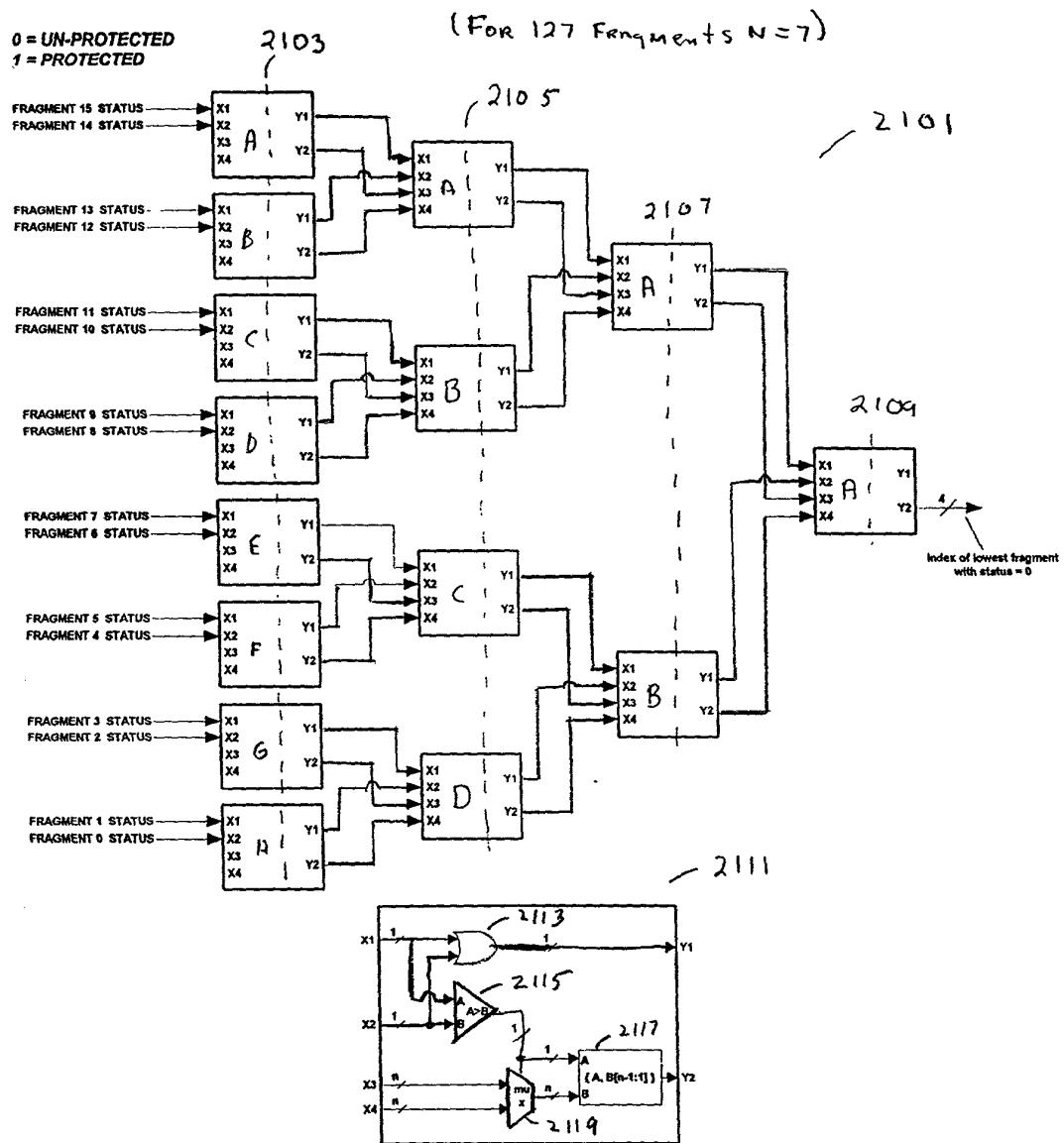


FIGURE 21

Figure 22 Circuit to calculate CLK mod T, where CLK is 27 bits and T is 8 bits.

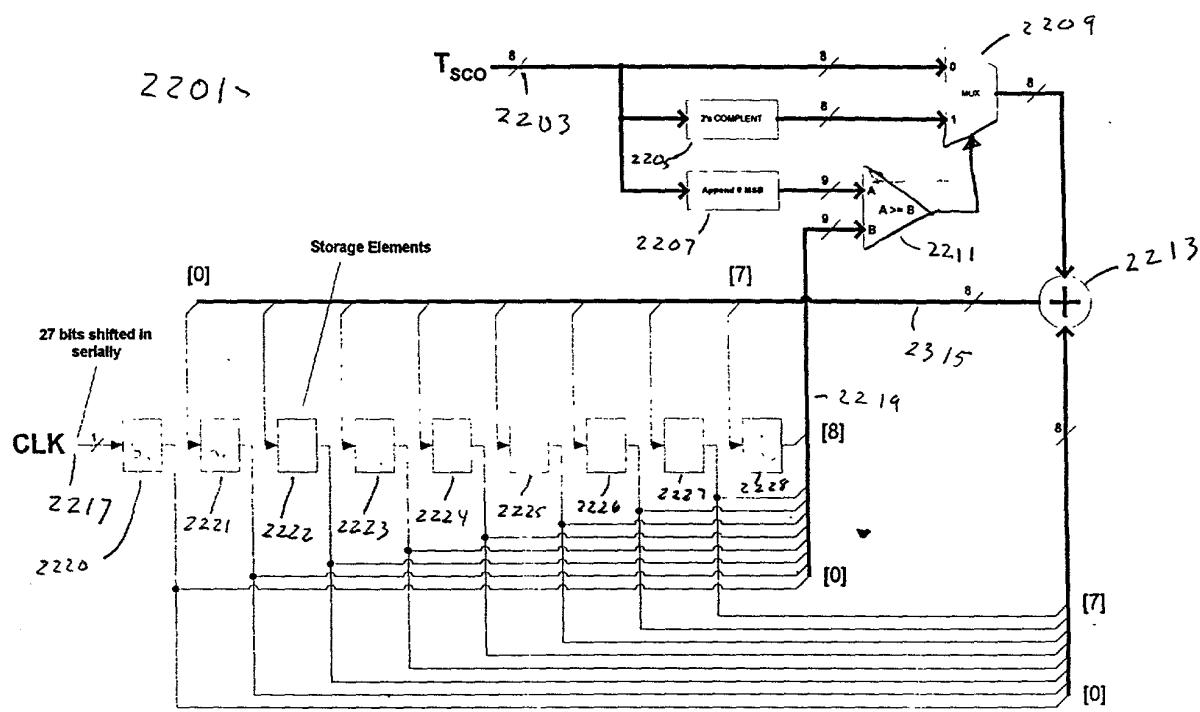


FIGURE 22

Figure 3. Example calculation: $115307261 \bmod 135$

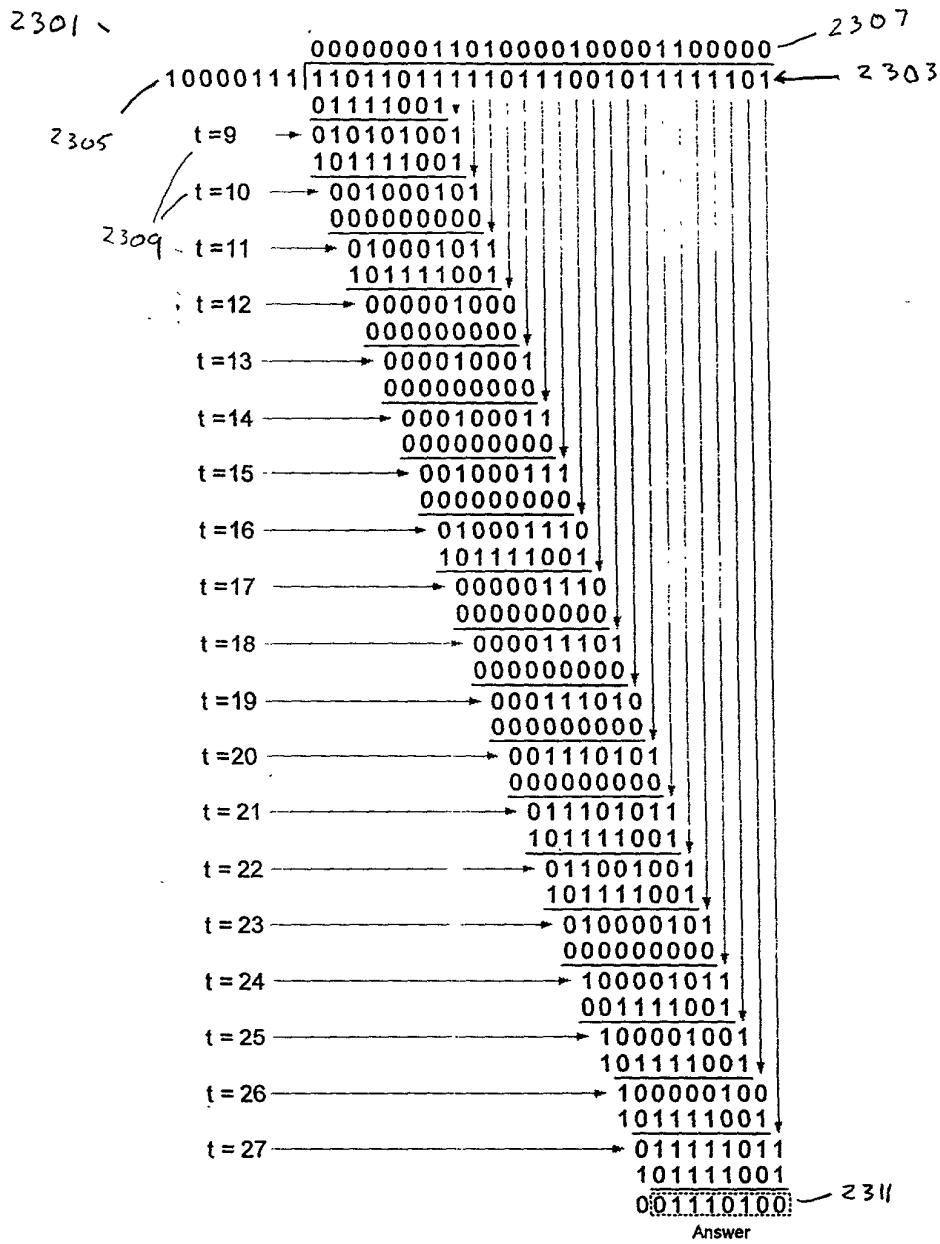


Figure 23

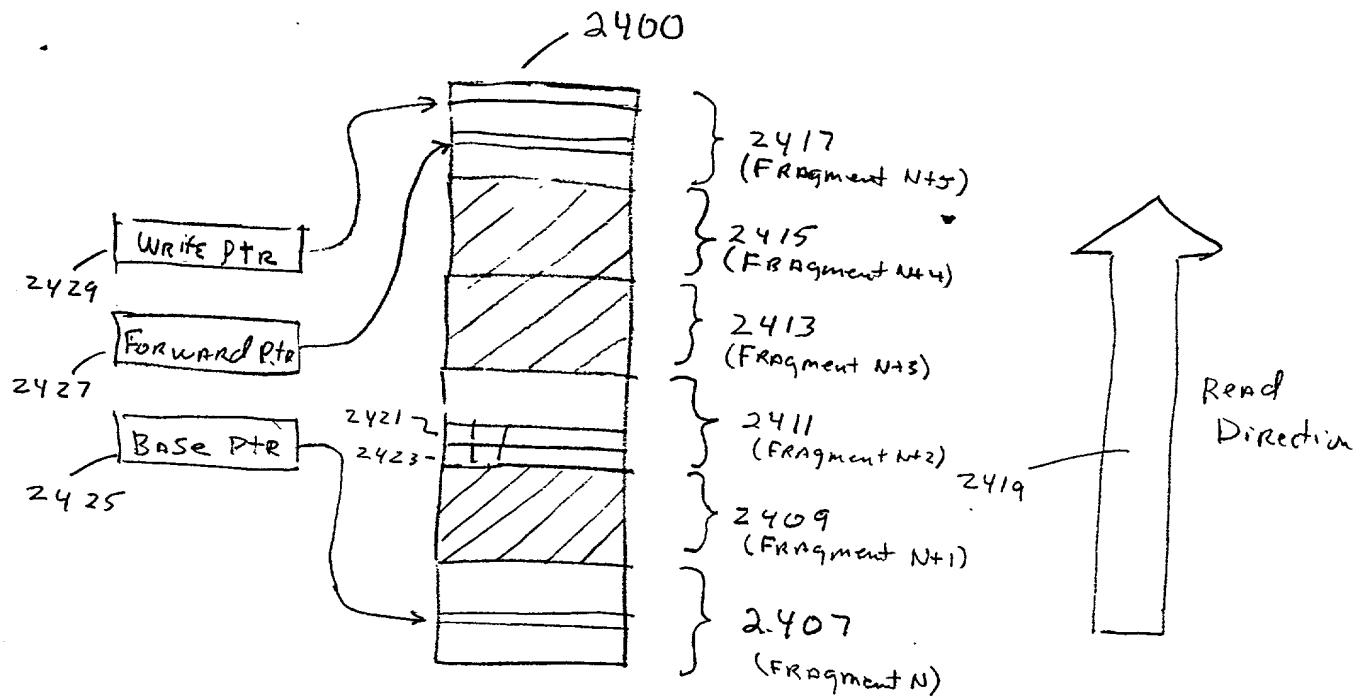
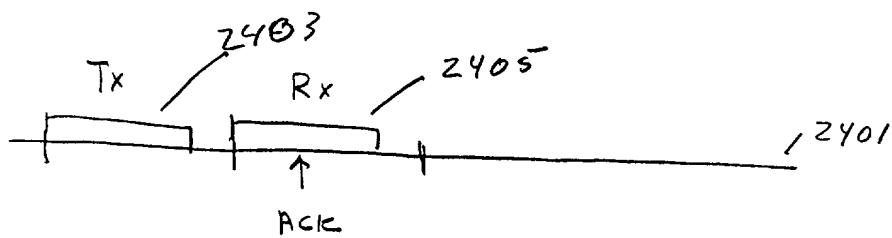


Figure 24

FIGURE 25

/* xxxxxxxx1xxxxxxxxx2xxxxxxxxx3xxxxxxxxx4xxxxxxxxx5xxxxxxxxx6xxxxxxxxx7xxxxxxxxx8xxxxxxxxx9xxxxxxxx */
/* The following depicts the Byte Gauge State Machine in flow diagram form. Numbers in
/* parentheses indicate the state.

```

/* acl[x]: data in ACL RAM
/*      address location x
/* acc : byte count accumulator
/* bptr : ACL base read address
/* pointer
/* dcnt : base fragment byte
/* down-count
/* FF : "First Fragment" bit
/*flen : fragment length in
/* bytes
/* lptr : link pointer for
/* fragment tptr[12:6]
/* L_CH : L2CAP L_CH field
/* LF : "Last Fragment" bit
/* tptr : temporary ACL RAM
/* address pointer
/* pfp : "past first pass"
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Figure 25

L2CAP PACKET FLUSH STATE MACHINE

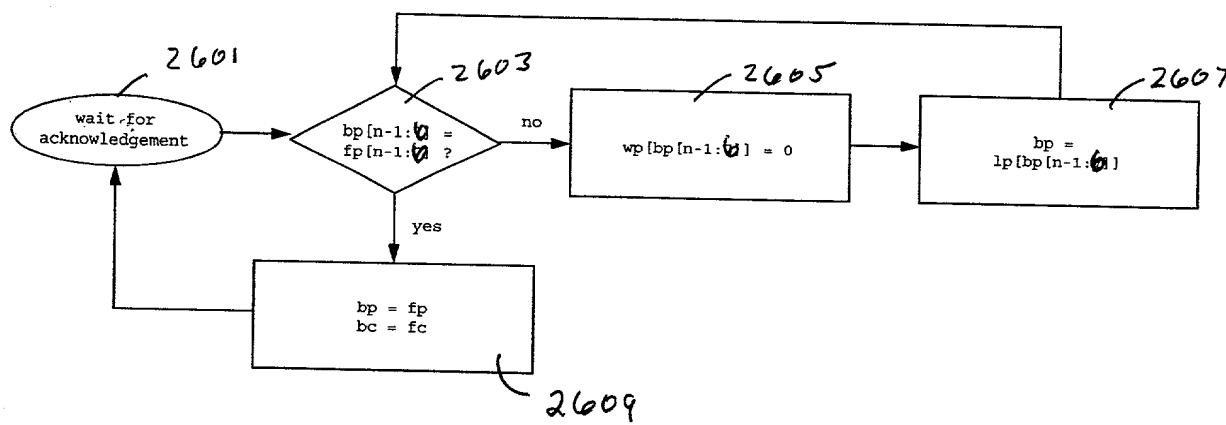


Figure 26

L2CAP PACKET TRANSMIT STATE MACHINE

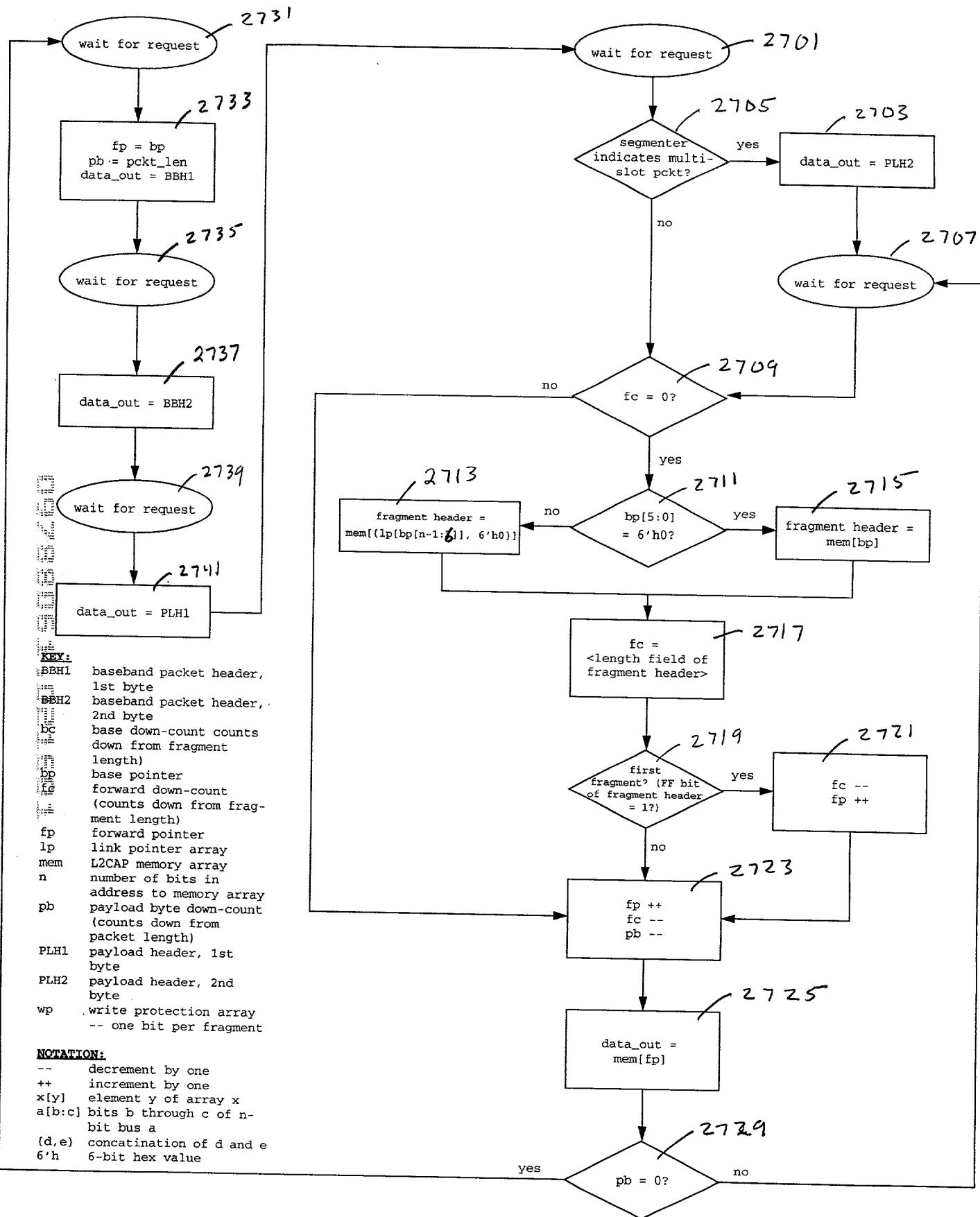


Figure 27